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Turing Machine AlphaGo AlphaGo Zero 和 AlphaGo Master AlphaGo Zero 和 AlphaGo Zero [7]的不同。

AlphaGo Zero Deep Blue 的存在。AlphaGo Zero Deep Blue，根据 Demis Hassabis [8] AlphaGo Zero 的 superhuman

Deepmind [9]

:"Go gaming is strictly defined within a very small space. Industrial automations are typically designed in well controlled environments, but not strictly defined. Car driving is regulated, but the environment is not well controlled"。

AlphaGo Zero

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 Karl Popper

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[1] □□□□□□□□□□□□ AI: A Modern Approach □□"Aristotle... was the first to formulate a precise set of laws governing the rational part of the mind."(On page 5)□

Wind Tunnel approach

[2]

[3] Leucotomy in England and Wales, 1942-1954 9284 41 28 25 2 4

personality intelligence 25 personality intelligence clinical condition 41 28 clinical condition personality intelligence

leucotomy

Renato M.E. Sabbatini Even lobotomy's preponents admitted that only one third of the operated patients would improve, while one-third remained the same, and one-third got worst Leucotomy in England and Wales, 1942-1954 http://www.cerebromente.org.br/n02/historia/lobotomy.htm）。

 one third would improve one-third remained the same clinical condition personality intelligence

 personality intelligence leucotomy BRAIN Initiative

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peer review peer review

AlphaGo Zero superhuman generic human AlphaGo Zero

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AlphaGo Google AlphaGo AlphaGo Zero AlphaGo

Human level artificial intelligence Artificial general intelligence AlphaGo

[6]

 Demis Hassabis AlphaGo Zero AlphaGo Zero Deepmind

 Deepmind ethics board Deepmind Google AlphaGo

[7] AlphaGo Zero AlphaGo Master AlphaGo Zero AlphaGo Master 16 AlphaGo Zero 18 AlphaGo Zero 14〜16 45

1 Nature Magazine AlphaGo Deepmind AlphaGo Zero AlphaGo Master

2) AlphaGo Zero local trap

[8] The Guadian a meta-solution to any problem、

"Demis Hassabis ... is deadly serious when he tells me he is on a mission to 'solve intelligence, and then use that to solve everything else'.

……

'One way of thinking of AGI is as a process that will automatically convert unstructured information into actionable knowledge. What we're working on is potentially a meta-solution to any problem.'",

from https://www.theguardian.com/technology/2016/feb/16/demis-hassabis-artificial-intelligence-deepmind-alphago、

[9] Cracking Go Deep Blue AlphaGo AlphaGo

[10] Universal approximation theorem Turing Machine

[11] In God We Trust God Trust、

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